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PATENT

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : PAUL F. STRUHSACKER, ET AL.  
U.S. Serial No. : 09/838,810  
Filed : April 20, 2001  
For : WIRELESS COMMUNICATION SYSTEM USING BLOCK  
FILTERING AND FAST EQUALIZATION-DEMODULATION  
AND METHOD OF OPERATION  
Group No. : 2683  
Examiner : P. Sobutka

Commissioner for Patents  
Washington, D.C. 20231

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Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this statement. This submittal is made in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. The patents, publications and other information herein are listed below and on the attached Form PTO-SB-08. These references were located in a International Search Report issued in the related PCT Patent Application No. PCT/IB02/00137, a copy of which is attached hereto. Copies of the listed references are submitted herewith.

**Foreign Patents**

<u>Patent No.</u>	<u>Country</u>	<u>Date</u>
WO 97/09781	PCT	Mar. 13, 1997
GB 2 302 777	United Kingdom	Jan. 29, 1997

Publications

GAY-BELLILE, O., et al.; "MULTI-STANDARD CHANNEL DECODER";  
Publication No. US 2002/0070796 A1; Publication Date Jun 13, 2002;

WEBSTER, M.; "FREQUENCY-DOMAIN TECHNIQUES FOR THE  
CYCLOSTATIONARY SIGNALS ENCOUNTERED IN FRACTIONALLY-  
SPACED EQUALIZERS"; IEEE International Conference on Acoustic, Speech and  
Signal Processing; Publication date March 23, 1992; XP000467291; pages 705-708;

GOLBERG, S., et al.; "JOINT CARRIER RECOVERY AND DATA  
EQUALIZATION USING FREQUENCY DOMAIN TECHNIQUES"; European  
Signal Processing Conference; Publication date; XP000365920; pages 1823-1826;


READY, M., et al.; "ARCHITECTURE CONSIDERATIONS FOR FREQUENCY  
DOMAIN ADAPTIVE EQUALIZER"; Asilomar Conference on Signals, Systems  
and Computers, October 30, 1999; XP000217207; pages 687-691

Applicant hereby expressly reserves the right to swear behind the effective dates of any of  
the above Patents and to question the relevance and materiality of the Patents and Publications listed  
herein, in whole, in part, or in combination, subsequent to filing this Information Disclosure  
Statement.

Respectfully submitted,

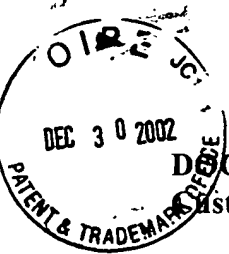
DAVIS MUNCK, P.C.

Date: Dec. 20, 2002

  
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

The undersigned hereby certifies that the following documents:

1. Postcard receipt;
2. Supplemental Information Disclosure Statement;
3. Form PTO-SB-08;
4. Copy of International Search Report issued in Int'l Application No. PCT/IB02/00137;
5. Six (6) references

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Commissioner for Patents, Washington, D.C. 20231, on December 23, 2002.

Date: Dec 23, 2002

Kathy Hamilton  
Mailer

Date: Dec. 20, 2002

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